

Applicant : Harold C. Ockerse et al.
Appln. No. : 10/784,594
Page : 2

Amendments to the Specification:

Please replace paragraph [0300] with the following paragraph:

[0300] As depicted in Figs. 44A-44C, the mirror assembly may comprise first and second microphones 910a and 910b. Examples of microphones for use with the present invention are described in commonly assigned U.S. Patent Application No. 09/444,176, U.S. Patent No. 6,614,911, U.S. Patent Application Publication No. US 2002/0110256 A1 6,882,734, and PCT Application No. PCT/US02/32386, the disclosures of which are incorporated in their entireties herein by reference. Although the two microphones are shown as being mounted to the backside of mirror case 904, one or more such microphones may be mounted on the top of the mirror assembly (as shown in Figs. 45A and 45B), on the bottom of the mirror assembly, or any where within the mirror case or bezel. Preferably, two microphones 910a and 910b are incorporated, one near each end, into the mirror assembly on the backside of the mirror case within recessed portions 912a and 912b. As shown in Fig. 44A, the microphones are constructed with an acoustic dam 914 extending around transducer 916 within microphone housing 918. Additional details of this preferred construction are disclosed in ~~commonly assigned International-PCT Application No. PCT/US02/32386~~, the entire disclosure of which is incorporated herein by reference. The audio systems including the microphones may be integrated, at least in part, in a common control with information displays and/or may share components with the information displays. In addition, the status of these systems and/or the devices controlled thereby may be displayed on the associated information displays.

Please replace paragraph [0301] with the following paragraph:

[0301] As shown in Figs. 45A and 45B, a single microphone 910 is provided on the top side of the mirror assembly 900b. In this construction, it is preferable to include two transducers in microphone housing 918 in a manner similar to that disclosed in the above-referenced International-PCT Application No. PCT/US02/32386 and U.S. Patent Application Publication No. US 2002/0110256 A1 6,882,734.

Please replace paragraph [0302] with the following paragraph:

[0302] Mirror assembly 900 may include first and second illumination assemblies 920a and

Applicant : Harold C. Ockerse et al.
Appln. No. : 10/784,594
Page : 3

920b. Various illumination assemblies and illuminators for use with the present invention are described in commonly assigned U.S. Patent Nos. 5,803,579, 6,335,548, 6,441,943, 6,521,916, and 6,523,976, 6,670,207, and 6,805,474 as well as, ~~commonly assigned U.S. Patent Application Nos. No. 09/723,675, which is now abandoned 10/078,906, and 10/230,804 (now U.S. Patent Application Publication No. 2003/0043590 A1)~~, the disclosures of which are incorporated in their entireties herein by reference. Each illumination assembly preferably comprises a reflector, a lens and an illuminator (not shown). There may be two illumination assemblies generally positioned to illuminate a front passenger seat area and the second generally positioned to illuminate a driver seat area. Alternatively, there may be only one illumination assembly that illuminates both seat areas and/or there may be additional illuminator assemblies such as one to illuminate a center console area, overhead console area or an area between the front seats.

Please replace paragraph [0304] with the following paragraph:

[0304] Mirror assembly 900 may also include first and second indicators 924a and 924b. Various indicators for use with the present invention are described in commonly assigned U.S. Patent Nos. 5,803,579, 6,335,548, 6,441,943, 6,521,916, and 6,523,976, 6,670,207 and 6,805,474, as well as, ~~commonly assigned U.S. Patent Application Nos. No. 09/723,675, now abandoned 10/078,906, and 10/230,804 (now U.S. Patent Application Publication No. 2003/0043590 A1)~~, the disclosures of which are incorporated in their entireties herein by reference. These indicators may indicate the status of the displays, the mirror reflectivity, a voice activated system, a compass system, a telephone system, a highway toll booth interface, a telemetry system, a headlight controller, a rain sensor, a security system, etc. Any other display or system described herein or within the references incorporated by reference may be incorporated in any location within the associated vehicle and may have a status depicted by the indicators.

Please replace paragraph [0305] with the following paragraph:

[0305] Mirror assembly 900 may further include first and second light sensors 926 and 928 serving as glare and ambient sensors, respectively. Preferred light sensors for use within the present invention are described in detail in commonly assigned U.S. Patent Nos. 5,923,027,

Applicant : Harold C. Ockerse et al.
Appln. No. : 10/784,594
Page : 4

6,313,457, 6,359,274, 6,379,013, and 6,402,328, 6,679,608, and 6,831,268 U.S. Patent Application No. 10/043,977 (now U.S. Patent Application Publication No. US 2002/0056806 A1) and 10/068,540 (now U.S. Patent Application Publication No. US 2003/0127583 A1), the disclosures of which are incorporated in their entireties herein by reference. The glare sensor 926 and/or ambient sensor 928 automatically control the reflectivity of a self dimming reflective element as well as the intensity of information displays and/or backlighting. The glare sensor 926 may also be used to sense headlights of trailing vehicles and the ambient sensor is used to detect the ambient lighting conditions that the system is operating within. In another embodiment, a sky sensor 930 may be incorporated and positioned to detect light levels generally above and in front of an associated vehicle. The sky sensor 930 may be used to automatically control the reflectivity of a self-dimming element, the exterior lights of a controlled vehicle and/or the intensity of information displays. The mirror assembly may further include sun-load sensors for sensing light levels towards the driver side and passenger side of the vehicle so as to control the climate control system of the vehicle.

Please replace paragraph [0314] with the following paragraph:

[0314] Exterior light control systems as described in commonly assigned U.S. Patent Nos. 5,990,469, 6,008,486, 6,130,421, 6,130,448, 6,255,639, 6,049,171, 5,837,994, 6,403,942, 6,281,632, 6,291,812, 6,469,739, 6,465,963, 6,429,594, 6,587,573, 6,611,610, 6,621,616, 6,653,614, and 6,379,013, 6,774,988 and 6,861,809 and U.S. Patent Application Nos. 60/404,879, and 60/394,583, 10/235,476 (now U.S. Patent Application No. 2003/0107323 A1), and 10/208,142, the disclosures of which are incorporated in their entireties herein by reference, may be incorporated in accordance with the present invention. These systems may be integrated, at least in part, in a common control with information displays and/or may share components with the information displays. In addition, the status of these systems and/or the devices controlled thereby may be displayed on the associated information displays. As disclosed in U.S. Patent No. 6,587,573, both the compass sensors and the imaging sensor array 950, may be housed in an accessory housing 952 attached to mount 903.

Please replace paragraph [0315] with the following paragraph:

[0315] Moisture sensors and windshield fog detector systems are described in commonly-

Applicant : Harold C. Ockerse et al.
Appln. No. : 10/784,594
Page : 5

commonly assigned U.S. Patent Nos. 5,923,027, 6,617,564, and 6,313,457 and 6,681,163 and U.S. Patent Application Nos. 09/970,728 (now U.S. Patent Application Publication No. US 2003/0069674 A1), the disclosures of which are incorporated in their entireties herein by reference. These systems may be integrated, at least in part, in a common control with information displays and/or may share components with the information displays. In addition, the status of these systems and/or the devices controlled thereby may be displayed on the associated information displays.

Please replace paragraph [0317] with the following paragraph:

[0317] The mirror assembly may further include one or more antennae 940 for receipt and/or transmission of RF signals. Appropriate receiving, transmitting, and/or processing circuitry may further be included in or attached to the mirror assembly. Such antennae may be used for a cellular telephone system, a BLUETOOTH™ transmitting/receiving system, a remote keyless entry (RKE) system, a trainable garage door opener system, a tire pressure monitoring system, a global positioning satellite system, a LORAN system, etc. Some of these systems may share a common antenna and receiving, transmitting, processing, and display circuits where appropriate. Examples of a tire pressure monitoring system incorporated in a rearview mirror assembly are disclosed in commonly assigned U.S. Patent Nos. 6,215,389, and 6,431,712, 6,861,942 and 6,696,935 and in U.S. Patent Application Nos. 09/359,144 and 09/949,955 (now U.S. Patent Application Publication No. US 2003/0048178 A1), the entire disclosures of which are incorporated herein by reference. Examples of a GPS system incorporated in a rearview mirror assembly are disclosed in commonly assigned U.S. Patent Nos. 6,166,698, 6,297,781, 6,396,446, and in U.S. Patent Published Application No. US 2002/0032510 A1, the entire disclosures of which are incorporated herein by reference. An example of a LORAN system incorporated in a rearview mirror assembly is disclosed in commonly assigned U.S. Patent No. 6,539,306, the entire disclosure of which is incorporated herein by reference. An example of both telephone/telematics system and a BLUETOOTH™ system incorporated in a rearview mirror assembly is disclosed in commonly assigned U.S. Patent Application No. US 2002/0032510 A1, the entire disclosure of which is incorporated herein by reference. Examples of a trainable garage door opening systems and RKE systems incorporated in a

Applicant : Harold C. Ockerse et al.
Appln. No. : 10/784,594
Page : 6

rearview mirror assembly are disclosed in U.S. Patent No. 6,091,343, the entire disclosures of which are incorporated herein by reference.

Please replace paragraph [0319] with the following paragraph:

[0319] The mirror assembly may further include one or more of the same or different types of displays. Examples of different types of displays include vacuum fluorescent, LCD, reverse LCD, LED, organic LED, dot matrix, backlit indicia, etc. For displays intended to simultaneously display significant amounts of information, the display disclosed in ~~commonly commonly~~ assigned U.S. Patent No. 6,346,698 may be used. ~~The, the~~ entire disclosure of which is incorporated herein by reference. Examples of backlit indicia panel displays are disclosed in commonly-assigned U.S. Patent Nos. 6,170,956, 6,572,233, and 6,356,376, and 6,870,655, and in U.S. Patent Application No. 09/586,813 the entire disclosures of which are incorporated herein by reference. Various displays used in rearview mirrors are disclosed in ~~commonly commonly~~ assigned U.S. Patent Nos. 6,356,376 and 6,700,692 in U.S. Patent Application Publication No. US 2002/0154379 A1, the entire disclosures of which are incorporated herein by reference.